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OM nucleic - nucleic search, using sw model

Run on: March 2, 2002, 20:03:35 ; Search time 75.14 Seconds
(Without alignments)
1229.745 Million cell updates/sec

Title: US-09-540-235-1
Perfect score: 408
Sequence: 1 acgcgcgtcattgcagaatta.....acatcatctaatgttgtta 408

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 702406

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_MN: *
1: /cgn2_6/ptodata/1/ina/5A.COMB.seq: *
2: /cgn2_6/ptodata/1/ina/5B.COMB.seq: *
3: /cgn2_6/ptodata/1/ina/6A.COMB.seq: *
4: /cgn2_6/ptodata/1/ina/6B.COMB.seq: *
5: /cgn2_6/ptodata/1/ina/PCBUS.COMB.seq: *
6: /cgn2_6/ptodata/1/ina/backfiles1.seq: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	80.8	19.8	727	4	US-08-998-416-48 Sequence 48, Appl
C 2	74.8	18.3	721	4	US-08-998-416-1114 Sequence 1114, Ap
C 3	43	10.5	337	4	US-09-328-111-586 Sequence 586, App
C 4	39.6	9.7	7218	1	US-08-232-463-14 Sequence 14, Appl
5	32.2	7.9	1039	4	US-08-975-762-36 Sequence 36, Appl
6	32.2	7.9	1039	4	US-08-821-324-36 Sequence 36, Appl
7	32.2	7.9	1039	4	US-09-285-028-36 Sequence 36, Appl
8	32.2	7.9	1039	4	US-09-106-582-36 Sequence 36, Appl
9	32.2	7.9	2706	4	US-09-066-046-23 Sequence 23, Appl
C 10	32.2	7.9	3073	4	US-08-975-762-41 Sequence 41, Appl
C 11	32.2	7.9	3073	4	US-09-295-028-41 Sequence 41, Appl
C 12	32.2	7.9	3073	4	US-09-106-582-41 Sequence 41, Appl
13	31.2	7.6	2155	1	US-08-214-583-1 Sequence 1, Appl1
14	31	7.3	918	1	US-08-844-085-5 Sequence 5, Appl1
15	29.6	7.6	2678	1	US-08-724-194-2 Sequence 2, Appl1
16	29.2	7.2	248	4	US-09-007-005-32 Sequence 32, Appl
17	29.2	7.2	248	4	US-09-244-796-32 Sequence 32, Appl
18	29.2	7.2	227	4	US-09-007-005-3 Sequence 3, Appl1
19	29.2	7.2	227	4	US-09-244-796-3 Sequence 3, Appl1
20	28.8	7.1	635	4	US-08-998-416-49 Sequence 49, Appl1
21	28.8	7.1	5433	3	US-08-929-329-1 Sequence 1, Appl1
22	28.6	7.0	2332	1	US-08-252-492-1 Sequence 1, Appl1
23	28.6	7.0	2332	2	US-08-727-126-1 Sequence 1, Appl1
24	28.6	7.0	2332	3	US-08-942-761-1 Sequence 1, Appl1
C 25	28	6.9	233	1	US-08-248-474-53 Sequence 53, Appl
C 26	28	6.9	235	1	US-08-756-849-53 Sequence 53, Appl
27	27.8	6.8	1734	1	US-08-551-437-4 Sequence 4, Appl1

28	27.8	6.8	1734	3	US-09-004-225-4 Sequence 4, Appl1
29	27.8	6.8	1734	4	US-09-084-346-4 Sequence 4, Appl1
30	27.8	6.8	1734	4	US-09-104-704-4 Sequence 4, Appl1
31	27.6	6.8	1724	3	US-08-771-321-1 Sequence 1, Appl1
C 32	27.6	6.8	2256	1	US-08-181-271A-2 Sequence 2, Appl1
C 33	27.6	6.8	2256	1	US-08-449-315-2 Sequence 2, Appl1
C 34	27.6	6.8	2256	1	US-08-444-803-2 Sequence 2, Appl1
C 35	27.6	6.8	2256	1	US-08-449-043-2 Sequence 2, Appl1
C 36	27.6	6.8	2256	1	US-08-456-265A-2 Sequence 2, Appl1
C 37	27.6	6.8	2256	1	US-08-455-416-2 Sequence 2, Appl1
C 38	27.6	6.8	2256	1	US-08-455-244-2 Sequence 2, Appl1
C 39	27.6	6.8	2256	1	US-08-454-876-2 Sequence 2, Appl1
C 40	27.6	6.8	2256	2	US-08-457-364-2 Sequence 2, Appl1
C 41	27.6	6.8	2256	2	US-08-456-262-2 Sequence 2, Appl1
C 42	27.6	6.8	2256	2	US-08-456-240-2 Sequence 2, Appl1
C 43	27.6	6.8	2256	2	US-08-455-736-2 Sequence 2, Appl1
C 44	27.6	6.8	2256	2	US-08-971-217-2 Sequence 2, Appl1
C 45	27.6	6.8	2256	4	US-09-350-600-2 Sequence 2, Appl1

ALIGNMENTS

RESULT 1
US-08-998-416-48/c
Sequence 48, Application US/08998416
Patent No. 6239264
GENERAL INFORMATION:
APPLICANT: Philippson, Peter
APPLICANT: Pohlmann, Rainer
APPLICANT: Steiner, Sabine
APPLICANT: Mohr, Christine
APPLICANT: Wendland, Jurgen
APPLICANT: Knechtel, Philipp
APPLICANT: Reibschung, Corinne
TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHBYA GOSYPHII
TITLE OF INVENTION: AND USES THEREOF
NUMBER OF SEQUENCES: 1152
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6239264artis Corporation
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
STATE: No. 6239264th Carolina
COUNTRY: USA
ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/998,416
FILING DATE: 24-DEC-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: CH 0016/97
FILING DATE: 31-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: PF/5-30306/A/CGC1976
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-541-8587
TELEFAX: 919-541-8689
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 727 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: PAG101311

; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: SCHERFLINGER, F.
; APPLICANT: FALKNER, F. G.
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/935, 313
; FILING DATE:
; APPLICATION NUMBER: EP 91 114 300. 6
; FILING DATE: 26-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/114 IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)836-9300
; TELEFAX: (703)683-4109
; TELE: 899149
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7218 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: pTZgpt-Fls
; US-08-232-463-14

Query Match 9.7%; Score 39.6; DB 1; Length 7218;
Best Local Similarity 14.8%; Pred. No. 0.0021;
Matches 42; Conservative 119; Mismatches 123; Indels 0; Gaps 0;
QY 104 ttccaagtgtatcgtcgtctgaagaagcagagaagcaacttccaagcaccatc 163
DB 1531 TTTAGAGCATCTATTTCAGTTTCAAAAACGCGATGAGCATGACATGATTATACCTAT 1472
QY 164 ttctgtagaagaatacctcagtgacacctgtccaagaactaogtagaatacag 223
DB 1471 CTATGCAAGTGTAAAGAGATAGAGATTGGTACRRRRRRRRRRRRRRRRRRR 1412
QY 224 cgttcgtcttaccattcgaagaagaagcaagtaatacagtagtcgcgagcttcaa 283
DB 1411 RR 1352
QY 284 gggtagaagaagaagtagttagacgaaagaataatcgatgatacagag 343
DB 1351 RR 1292
QY 344 agtagcagagaagaagcagtagaagtagactgtaccctgtggag 387
DB 1291 RR 1248

RESULT 5
US-08-975-762-36
; Sequence 36, Application US/08975762
; Patent No. 6207169
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Houghton, Raymond
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS AND
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/975,762
; FILING DATE: 21-MAR-1997
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: MAKI, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.439
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-622-4900
; TELEFAX: 206-682-6031
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1039 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Ehrlichia
; US-08-975-762-36

Query Match 7.9%; Score 32.2; DB 4; Length 1039;
Best Local Similarity 56.0%; Pred. No. 0.25;
Matches 61; Conservative 0; Mismatches 48; Indels 0; Gaps 0;
QY 60 cttgctgaagagcttggtggtgtatcagtcgcatgaagtagtccaaagtgtatcg 119
DB 249 CTTTACTATTATTCAGATGCTGTGATGGTGTGCTATGTCATCCCTATATCAACC 308
QY 120 tcgtctgaagaagcagagaagcagatacttccaagccatctctcg 168
DB 309 TCCTCAATCTGGAATCTTGGGTATGTCATGCTATACGACGACCTCTGTG 357
RESULT 6
US-08-821-324-36
; Sequence 36, Application US/08821324
; Patent No. 6231869
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Houghton, Raymond
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS AND
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington

THERAP

Sequence 41, Application US/09106582
Patent No. 6306402
GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
APPLICANT: Iodes, Michael J.
APPLICANT: Houghton, Raymond
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS AND THERAPY
NUMBER OF SEQUENCES: 73
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,582
FILING DATE: 29-JUN-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.439C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-622-4900
TELEFAX: 206-682-6031
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 3073 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-106-582-41

Query Match 7.9%; Score 32.2; DB 4; Length 3073;
Best local Similarity 56.0%; Pred. No. 0.42;
Matches 61; Conservative 0; Mismatches 48; Indels 0; Gaps 0;

QY 60 cttgctgaagcgttggcttgatcagtcgcacatgaagtccaaagttgacg 119
DB 791 ctttactattaccatggtggtgtgtgctgcttattgtcttacccttataatcaacc 732
QY 120 tcgtctagaagaagcagaggaacatctcgaagcaccatctctc 168
DB 731 tcctcatctggaaatcttggtgctgcatgctatcacgacgacctctgtg 683

RESULT 13
US-08-214-583-1
Sequence 1, Application US/08214583
Patent No. 5627039
GENERAL INFORMATION:
APPLICANT: Pereira-Smith, Olivia
APPLICANT: Madhwa, Renu
TITLE OF INVENTION: MORTALIN AND METHODS FOR DETERMINING
TITLE OF INVENTION: COMPLEMENTATION GROUP ASSIGNMENT OF CANCER CELLS
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Howrey & Simon
STREET: 1299 Pennsylvania Ave, NW
CITY: Washington
STATE: DC
COUNTRY: US
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/214,583
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Auerbach, Jeffrey I.
REGISTRATION NUMBER: 32,680
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-383-6610
TELEFAX: 202-383-7451
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2155 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Murine
IMMEDIATE SOURCE:
CLONE: mortalin
US-08-214-583-1

Query Match 7.6%; Score 31.2; DB 1; Length 2155;
Best local Similarity 55.6%; Pred. No. 0.77;
Matches 60; Conservative 0; Mismatches 48; Indels 0; Gaps 0;

QY 248 agaagacgaagtaatcatgattcgcggagcttcaagggtagagaagaaagtacc 307
DB 647 AAAAATGCTGTGATCAGACGTCCTGCTTATTCAATGATTCACAGCAGCCACTAA 706
QY 308 gtgtatcgaagaataatcgatcacatcgaagagagtgaccagaga 355
DB 707 GGATGCTGCCAGATATCTGGGCTTAATGTGCTTCGATGATCAATGA 754

RESULT 14
US-08-844-085-5
Sequence 5, Application US/08844085
Patent No. 5756330
GENERAL INFORMATION:
APPLICANT: Lawlor, Elizabeth
TITLE OF INVENTION: No. 5756330el Compounds
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/844,085
FILING DATE: 18-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 9608002.3
FILING DATE: 18-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Gimm, Edward R.
REGISTRATION NUMBER: 38,891
REFERENCE/DOCKET NUMBER: P31453

